

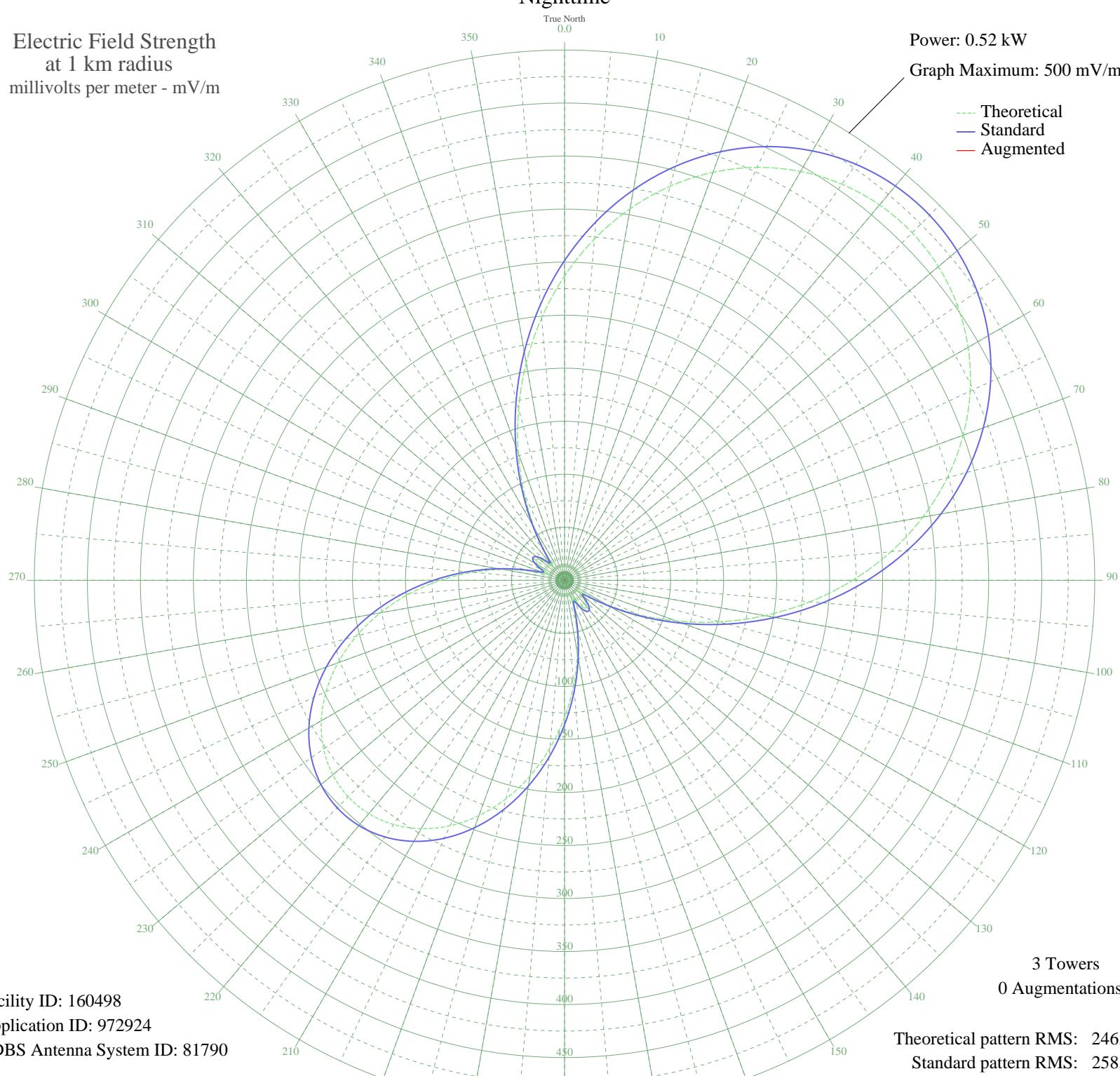
NEW BOULDER CITY, NV BNP-20040127ACN 620 kHz

Nighttime

Electric Field Strength
at 1 km radius
millivolts per meter - mV/m

Power: 0.52 kW
Graph Maximum: 500 mV/m

Theoretical
Standard
Augmented



Azimuth	E _{theo}	E _{std}	E _{aug}
0	286.91	301.51	
5	323.00	339.37	
10	355.78	373.78	
15	384.71	404.13	
20	409.38	430.03	
25	429.56	451.21	
30	445.11	467.53	
35	455.96	478.92	
40	462.10	485.36	
45	463.52	486.85	
50	460.21	483.38	
55	452.19	474.96	
60	439.45	461.59	
65	422.04	443.31	
70	400.04	420.22	
75	373.63	392.51	
80	343.10	360.47	
85	308.92	324.60	
90	271.71	285.57	
95	232.31	244.24	
100	191.76	201.73	
105	151.25	159.30	
110	112.17	118.43	
115	76.02	80.78	
120	44.62	48.47	
125	21.54	25.80	
130	17.85	22.47	
135	26.90	30.85	
140	32.52	36.33	
145	31.87	35.69	
150	25.37	29.39	
155	17.06	21.79	
160	22.33	26.53	
165	43.08	46.91	
170	69.69	74.22	
175	98.94	104.62	

The theoretical pattern is used to create the standard pattern. Augmentations (if any) expand the standard pattern in specified directions. See Sections 73.150 and 73.152 of the FCC's Rules.

AM coverage may not mirror the pattern shown here. Additional factors such as ground conductivity or skywave propagation affect how far the AM signal will travel.

Patterns for stations outside the USA are based on notified parameters.

AM directional patterns created before 1982 used units of 1 mV/m at 1 mile, not one kilometer. The pattern values on such plots at 1 mile will be 0.62137 of the values listed here. Measured pattern values may vary from values shown here.

Plot is best printed on 11" by 17" or larger paper.

15 Nov 2005

Prepared by Audio Division, Media Bureau
Federal Communications Commission

Azimuth	E _{theo}	E _{std}	E _{aug}
180	129.13	136.15	
185	158.95	167.36	
190	187.30	197.06	
195	213.28	224.28	
200	236.14	248.26	
205	255.32	268.37	
210	270.40	284.19	
215	281.08	295.40	
220	287.18	301.80	
225	288.60	303.28	
230	285.30	299.82	
235	277.35	291.48	
240	264.88	278.40	
245	248.12	260.82	
250	227.41	239.10	
255	203.22	213.74	
260	176.20	185.43	
265	147.14	154.99	
270	117.03	123.50	
275	87.04	92.23	
280	58.61	62.78	
285	33.76	37.56	
290	17.61	22.26	
295	19.95	24.34	
300	28.56	32.45	
305	32.90	36.70	
310	30.98	34.82	
315	23.27	27.40	
320	16.35	21.18	
325	29.31	33.18	
330	56.47	60.57	
335	90.03	95.34	
340	127.54	134.49	
345	167.36	176.17	
350	208.04	218.80	
355	248.27	260.98	